



GETTING TO KNOW TEQ'S MEMBERS

Name: Massimiliano Bazzi

Affiliation: LNF - INFN

Profession: Electronic Designer - Technologist

Age: 42

How did you choose the field of your studies?

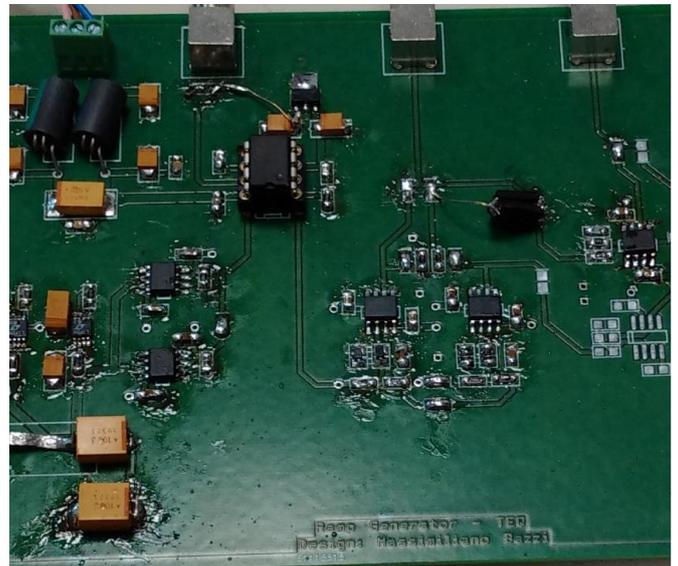
I had very little of a choice back then, Military Academy or University.

I threw a coin to decide, so here I am. My brother instead is an Air Force Colonel...

When deciding what faculty to choose, I thought if I had to keep studying, at least it should have been a challenging one, as Electronic Engineering. In spite of not having any previous electronic training nor knowledge, it worked fine for me.

Can you briefly introduce yourself and your work?

Within my work, I actively participate in the research work alongside my colleagues. My role is to develop the technological aspects towards a scientific aim (a precision spectroscopy, a particle entrapment, or whatsoever...) and I propose the most suitable way to do it in technological terms. To simplify, I am the missing link between an idea and its final form, the guy who makes dreams come true, or at least I try...



The ramp generator designed and built by Massimiliano specifically for the TEQ project.

What do you mostly like about your research? What are the challenges?

My favorite aspect is not what you may expect, it has nothing to do with science or technology. My favorite part is the human interaction. Before starting to sketch any circuit,

I need to have VERY LONG discussions with the scientists, to make sure we are going the same way. I have to fully understand the experiment requirements (and in case adjust people's expectations), and eventually propose something that is the closest to what they need. In fundamental research, most of the times requirements are so strict (ultra-low noise, very-high sensitivity...) that it involves a huge preliminary study before starting a design.



Massimiliano Bazzi

But besides that, my biggest challenge is to spare some time for other things. Working in the research field is very time consuming, and it is difficult to mesh your professional life with your private life, unless you have a 36hrs day. I am not a workaholic, but countless time I kept working on a project at home after dinner or during weekends.

What advice would you give to students who want to become scientists in the future?

Eat well, sleep enough and exercise a little. Also do not underestimate little breaks: it is very likely you will find the key to your problem during that time!